

beyerdynamic, inc. introduces the TG 500 Wireless System: Great Performance for any Application

Orlando, FL - June 8, 2017 -- beyerdynamic, inc. will be presenting the TG 500 at Infocomm 2017 June 14-16 in Orlando, FL Audio Pavilion, Booth 5775. The TG 500 is a versatile wireless system that offers outstandingly appealing value for money. As the successor of the proven Opus 600 series, the new system focuses on modern features and can be used licence-free almost all over the world, depending on the frequency band selected. For performances on smaller stages, theatre productions, speeches or presentations – the new beyerdynamic TG 500 wireless system is a genuine all-rounder.

The beyerdynamic TG 500 system is available in five sets, each of which contains an individual receiver and two removable antennas. The TG 550 Vocal Set is supplied with the dynamic TG 500H-D handheld transmitter with a TG V50 capsule (dynamic capsule, cardioid) and is perfect for singing, whereas the TG 556 Vocal Set comes with a TG 500H-C handheld transmitter with a TG V56 capsule (condenser capsule, cardioid), making it the perfect solution for presentations. There are matching microphone clamps for both handheld transmitters. The TG L58 clip-on microphone (condenser, omnidirectional) from the TG 558 Presenter Set can be worn in an inconspicuous position during lectures, while the TG 534 Headworn Set with a TG H34 neckworn microphone (condenser, supercardioid) is the perfect choice for theatre productions. Electric and bass guitars can be miked using the WA-CGI instrument cable (6.35 mm mono jack), which is part of the TG 510 Instrument Set.

With an operating range of up to 393 feet, the beyerdynamic TG 500 allows for substantially greater freedom than comparable systems. The switching bandwidth is up to 40 MHz, and when all four frequency bands (518–548 MHz, 606–636 MHz, 794–832 MHz and 1.780–1.810 MHz) are used, up to 72 channels (18 compatible frequencies per band) can be operated simultaneously, thus making the TG 500 system suitable even for larger installations. Each of the five TG 500 sets is available for use in one of four frequency bands, so there are 20 different sets to choose from in total.

Receiver

At the heart of every beyerdynamic TG 500 set is an attractively designed receiver with a durable metal enclosure and a parametrised front panel. The combination of intuitive operating elements and a backlit LCD display makes the menu navigation particularly user-friendly. The frequency response of the system ranges from 45 to 15 kilohertz. A balanced XLR output and a balanced jack are provided as analogue audio ports. The individual receiver takes up a single height unit in the 19" installation; the rack assembly kit supplied allows two 9.5" devices to be installed in one rack.

A dual receiver in 19" format (1 HU) featuring an integrated power supply and a built-in antenna splitter is also available within the TG series. The dual receiver supplies the antenna phantom power required for using remote antennas. The diversity antenna operation guarantees optimum reception for all the receivers, ensuring that there are no unwanted interruptions in transmission even in challenging environments. The two audio channels of the dual receiver can be relayed via a common output if so desired – and thanks to the mixed output, there is no need for an external mixing console.

Intermodulation-free transmission frequencies are also provided in preconfigured groups to ensure interference-free multi-channel operation. Frequencies can also be freely allocated. A scan function with automatic search provides assistance for system set-up. The integrated pilot tone function ensures interference-free transmission and gives a warning when the battery power is running low.

Transmitters

The handheld transmitters from the new TG 500 series provide firm grip, sit perfectly balanced in the hand and also have an outstandingly pleasant touch and feel. The pocket transmitter can be positioned easily and quickly using a belt pack transmitter clip. Handheld and belt pack transmitter impress in practical situations with their light weight. The transmission performance can be switched between 10 mW and 50 mW. Settings are simple to configure on the receivers and are relayed to the transmitters both quickly and easily by means of infrared synchronisation. All transmitters are equipped with an LC display. The handheld transmitters feature a mute button at thumb level on the microphone shaft, and the pocket transmitter has a programmable mute button on the top.

A battery life of ten hours guarantees uninterrupted operation, even during extended events. As an alternative to batteries, the transmitters can also be operated using standard NiMH batteries which can be charged using the optional WA-CD charging dock without the need to remove them from the devices.

Alan Feckanin, Director Americas, further states his excitement. "The TG 500 wireless microphone produces high quality sound. This microphone is easily adaptable for many environments and comes ready to use out of the box. The market is robust for our TG 500 microphone, including conference rooms and houses of worship."

About beyerdynamic

beyerdynamic GmbH & Co. KG, Heilbronn, stands for innovative audio products with the highest sound quality and pioneering technology. Two business divisions – Audio Systems and Headphones – provide tailored solutions for professional and private users. All products are developed in Germany and primarily manufactured by hand – from hi-fi headphones to stage microphones and conference and interpretation systems. Beyerdynamic, Inc. is a branch office based in Farmingdale, NY, which serves as a distribution office for the whole North and South American regions.

For more information, please visit <http://north-america.beyerdynamic.com/>

Contact: Larry Drago, Marketing Manager, 631-293-3200, x24
larry@beyerdynamic-usa.com

<http://infocomm.vporoom.com/beyerdynamic/index.php?s=35024&item=122651>